## IN THE UNITED STATES PATENT OFFICE

OCT 0 6 1000 Applicanst:

Andy H. Gan et al.

Assignee:

Xilinx, Inc.

Title:

Automatic Antenna Diode Insertion for Integrated Circuits

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Nelson C.Lam

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## AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION

Dear Sir:

In response to the Final Office Action mailed from the Patent Office on August 15, 2006, please replace/substitute the following claims as indicated.

Amendments to the claims are reflected in the list of claims that begins on page 2 of this paper.

Remarks begin on page 6 of this paper.